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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/080,854

DATE: 03/11/2002

TIME: 10:22:24

Input Set : A:\GPCI-P02-106 Sequence Listing.txt

Output Set: N:\CRF3\03112002\J080854.raw

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3 <110> APPLICANT: GYURIS, JENO
4     MORRIS, AARON J.
6 <120> TITLE OF INVENTION: METHODS AND REAGENTS FOR ISOLATING BIOLOGICALLY ACTIVE
7     PEPTIDES
9 <130> FILE REFERENCE: MIV-106.01
C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/080,854
C--> 12 <141> CURRENT FILING DATE: 2002-02-22
14 <160> NUMBER OF SEQ ID NOS: 8
16 <170> SOFTWARE: PatentIn Ver. 2.0
18 <210> SEQ ID NO: 1
19 <211> LENGTH: 527
20 <212> TYPE: DNA
21 <213> ORGANISM: Artificial Sequence
23 <220> FEATURE:
24 <223> OTHER INFORMATION: Description of Artificial Sequence: pAM6 M13/COS
25     peptide expression plasmid
27 <220> FEATURE:
28 <221> NAME/KEY: CDS
29 <222> LOCATION: (124..222, 226..417)
31 <400> SEQUENCE: 1
32 cgcaattact gtgagtttagc tcactcatta ggcaccccag gctttacact ttataacttcc      60
34 ggctcgtata ttgtgtggaa ttgtgagcgg ataacaatctt ctagaaggaa acaggtaagt      120
36 atg aaa aaa tta tta ttc gca att cct tta gtt gtt cct ttc tat tct      168
37   Lys Lys Leu Leu Phe Ala Ile Pro Leu Val Val Pro Phe Tyr Ser
38     1           5           10           15
40 cac tcc gct gaa tta ctg aca tcc act ttg cct ttc tct cca cag ggg      216
41 His Ser Ala Glu Leu Leu Thr Ser Thr Leu Pro Phe Ser Pro Gln Gly
42           20           25           30
44 gcc acc atg aaa tgc agc tgg gtt atc ttc ttc ctg atg gca gtg gtt      264
45 Ala Thr   Lys Cys Ser Trp Val Ile Phe Phe Leu Met Ala Val Val
46           35           40           45
48 aca ggg gtc aat tca gca cca ggc gga tgg gcg gcc gca gag caa aag      312
49 Thr Gly Val Asn Ser Ala Pro Gly Gly Trp Ala Ala Ala Glu Gln Lys
50           50           55           60
52 ctc att tct gaa gag gac ttg gca cac cat cac cat cac cat ctg cag      360
53 Leu Ile Ser Glu Glu Asp Leu Ala His His His His His His Leu Gln
54           65           70           75
56 cca tta tct tgg cag gta agt gct gag ggt gac gat ccc ttc acc tcg      408
57 Pro Leu Ser Trp Gln Val Ser Ala Glu Gly Asp Asp Pro Phe Thr Ser
58     80           85           90
60 aaa gca agc tgataaagtc taagcccgcc taatgagcgg gctttttttt      457
61 Lys Ala Ser
62 95

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64 tactgacatc ctcgaggcct ttctctccac aggggtagat aactgaactt gtttattgca      517
66 gattataatg                                         527
69 <210> SEQ ID NO: 2
70 <211> LENGTH: 97
71 <212> TYPE: PRT
72 <213> ORGANISM: Artificial Sequence
74 <220> FEATURE:
75 <223> OTHER INFORMATION: Description of Artificial Sequence: pAM6
77 <400> SEQUENCE: 2
78 Lys Lys Leu Leu Phe Ala Ile Pro Leu Val Val Pro Phe Tyr Ser His
79   1           5           10           15
81 Ser Ala Glu Leu Leu Thr Ser Thr Leu Pro Phe Ser Pro Gln Gly Ala
82           20           25           30
84 Thr Lys Cys Ser Trp Val Ile Phe Phe Leu Met Ala Val Val Thr Gly
85           35           40           45
87 Val Asn Ser Ala Pro Gly Gly Trp Ala Ala Ala Glu Gln Lys Leu Ile
88           50           55           60
90 Ser Glu Glu Asp Leu Ala His His His His His Leu Gln Pro Leu
91   65           70           75           80
93 Ser Trp Gln Val Ser Ala Glu Gly Asp Asp Pro Phe Thr Ser Lys Ala
94           85           90           95
96 Ser
99 <210> SEQ ID NO: 3
100 <211> LENGTH: 488
101 <212> TYPE: DNA
102 <213> ORGANISM: Artificial Sequence
104 <220> FEATURE:
105 <223> OTHER INFORMATION: Description of Artificial Sequence: pAM7 M13/COS
106     peptide expression plasmid
108 <220> FEATURE:
109 <221> NAME/KEY: CDS
110 <222> LOCATION: (25..78, 193..378)
112 <400> SEQUENCE: 3
113 cgcaattact ctagagccac catg aaa tgc agc tgg gtt atc ttc ttc ctg      51
114           Lys Cys Ser Trp Val Ile Phe Phe Leu
115           1           5
117 atg gca gtg gtt aca ggg gtc aat tca ggtaagtga ttagctcact      98
118 Met Ala Val Val Thr Gly Val Asn Ser
119   10           15
121 cattaggcac cccaggcttt acactttata cttccggctc gtatattgtg tggaattgtg      158
123 agcggataac aatttcacac aggaaacagc tatg aaa atc aaa ctg gcg tta      210
124           Lys Ile Lys Leu Ala Leu
125           20
127 ctc gcc ctg act tct ctt tct gct ctt gca ggt cca ggc gga tgg gcg      258
128 Leu Ala Leu Thr Ser Leu Ser Ala Leu Ala Gly Pro Gly Gly Trp Ala
129   25           30           35           40
131 gcc gca gag caa aag ctc att tct gaa gag gac ttg gca cac cat cac      306
132 Ala Ala Glu Gln Lys Leu Ile Ser Glu Glu Asp Leu Ala His His His
133           45           50           55

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135 cat cac cat ctg cag cca tta tct tgg cag gta agt gct gag ggt gac      354
136 His His His Leu Gln Pro Leu Ser Trp Gln Val Ser Ala Glu Gly Asp
137          60          65          70
139 gat ccc ttc acc tcg aaa gca agc tgataaagtc taagcccgcc taatgagcgg      408
140 Asp Pro Phe Thr Ser Lys Ala Ser
141          75          80
143 gctttttttt tactgacatc ctcgaggcct ttctctccac aggggtagat aactgaactt      468
145 gtttattgca gattataatg      488
148 <210> SEQ ID NO: 4
149 <211> LENGTH: 80
150 <212> TYPE: PRT
151 <213> ORGANISM: Artificial Sequence
153 <220> FEATURE:
154 <223> OTHER INFORMATION: Description of Artificial Sequence: pAM7
156 <400> SEQUENCE: 4
157 Lys Cys Ser Trp Val Ile Phe Phe Leu Met Ala Val Val Thr Gly Val
158 1          5          10          15
160 Asn Ser Lys Ile Lys Leu Ala Leu Leu Ala Leu Thr Ser Leu Ser Ala
161          20          25          30
163 Leu Ala Gly Pro Gly Gly Trp Ala Ala Ala Glu Gln Lys Leu Ile Ser
164          35          40          45
166 Glu Glu Asp Leu Ala His His His His His His Leu Gln Pro Leu Ser
167          50          55          60
169 Trp Gln Val Ser Ala Glu Gly Asp Asp Pro Phe Thr Ser Lys Ala Ser
170 65          70          75          80
173 <210> SEQ ID NO: 5
174 <211> LENGTH: 426
175 <212> TYPE: DNA
176 <213> ORGANISM: Artificial Sequence
178 <220> FEATURE:
179 <223> OTHER INFORMATION: Description of Artificial Sequence: pAM8 M13/COS
180 peptide expression plasmid
182 <220> FEATURE:
183 <221> NAME/KEY: CDS
184 <222> LOCATION: (121)..(324)
186 <400> SEQUENCE: 5
187 cgcaattact gtgagtttagc tcactcatta ggcaccccag gctttacact ttatacttcc 60
189 ggctcgtata ttgtgtggaa ttgtgagcgg ataacaattt ctagaaggaa agccaccatg 120
191 tct atc caa cac ttc cgt gtt gca tta atc cct ttc ttt gca gcg ttc 168
192 Ser Ile Gln His Phe Arg Val Ala Leu Ile Pro Phe Phe Ala Ala Phe
193 1          5          10          15
195 tgt tta cct gtt ttc gca ggt cca ggc gga tgg gcg gcc gca gag caa 216
196 Cys Leu Pro Val Phe Ala Gly Pro Gly Gly Trp Ala Ala Ala Glu Gln
197          20          25          30
199 aag ctc att tct gaa gag gac ttg gca cac cat cac cat cac cat ctg 264
200 Lys Leu Ile Ser Glu Glu Asp Leu Ala His His His His His His Leu
201          35          40          45
203 cag cca tta tct tgg cag gta agt gct gag ggt gac gat ccc ttc acc 312
204 Gln Pro Leu Ser Trp Gln Val Ser Ala Glu Gly Asp Asp Pro Phe Thr

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205      50      55      60
207 tcg aaa gca agc tgataaagtc taagcccgcc taatgagcgg gctttttttt 364
208 Ser Lys Ala Ser
209 65
211 tactgacatc ctcgaggcct ttctctccac aggggtagat aactgaactt gtttattgca 424
213 ga 426
216 <210> SEQ ID NO: 6
217 <211> LENGTH: 68
218 <212> TYPE: PRT
219 <213> ORGANISM: Artificial Sequence
221 <220> FEATURE:
222 <223> OTHER INFORMATION: Description of Artificial Sequence: pAM8
224 <400> SEQUENCE: 6
225 Ser Ile Gln His Phe Arg Val Ala Leu Ile Pro Phe Phe Ala Ala Phe
226 1 5 10 15
228 Cys Leu Pro Val Phe Ala Gly Pro Gly Gly Trp Ala Ala Ala Glu Gln
229 20 25 30
231 Lys Leu Ile Ser Glu Glu Asp Leu Ala His His His His His His Leu
232 35 40 45
234 Gln Pro Leu Ser Trp Gln Val Ser Ala Glu Gly Asp Asp Pro Phe Thr
235 50 55 60
237 Ser Lys Ala Ser
238 65
241 <210> SEQ ID NO: 7
242 <211> LENGTH: 19
243 <212> TYPE: PRT
244 <213> ORGANISM: Artificial Sequence
246 <220> FEATURE:
247 <223> OTHER INFORMATION: Description of Artificial Sequence: Thrombospondin
248 derived peptide
250 <400> SEQUENCE: 7
251 Ser Pro Trp Ser Ser Ala Ser Val Thr Cys Gly Asp Gly Val Ile Thr
252 1 5 10 15
254 Arg Ile Arg
258 <210> SEQ ID NO: 8
259 <211> LENGTH: 9
260 <212> TYPE: PRT
261 <213> ORGANISM: Artificial Sequence
263 <220> FEATURE:
264 <223> OTHER INFORMATION: Description of Artificial Sequence: RGD motif
266 <400> SEQUENCE: 8
267 Cys Asp Cys Arg Gly Asp Cys Phe Cys
268 1 5

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VERIFICATION SUMMARY

DATE: 03/11/2002

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Input Set : A:\GPCI-P02-106 Sequence Listing.txt

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L:11 M:270 C: Current Application Number differs, Replaced Current Application Number
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date